

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 3/15/2004 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 272-2511.

Date 12/14/05 Serial # 10/928437 Priority Application Date 12/5/03

Your Name M. Lewis Examiner # _____

AU 2822 Phone 272-4538 Room 5880

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search, please prioritize in order of need.

The EIC searcher normally will contact you before beginning a prior art search. If you would like to sit with a searcher for an interactive search, please notify one of the searchers.

12-19-05 10:03:03 IN

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What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1-18

Problem: See paragraphs 2-4
Solution: "abstract"

2005/027519

CMOS/Memory

Decrease pitch to provide more substrate area.

Staff Use Only

Searcher: 3026 [signature]

Searcher Phone: 225-41

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 12-23-05

Date Completed: 12-23-05

Searcher Prep/Rev Time: 40

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Type of Search

Structure (#) _____

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Set	Items	Description
S1	79	S AU= (CLEEVES J? OR CLEEVES, J? OR SCHEURELEIN R? OR SCHEURELEIN, R?)
S2	2404561	S MEMORY OR MEMORIES OR CMOS OR COMPLEMENTARY()METAL()OXIDE()SEMICONDUCTOR OR METAL()OXIDE?
S3	7270100	S SEMICONDUCTOR? OR SEMI()CONDUCTOR? OR SUBSTRATE? OR WAFER? OR IC? ? OR INTEGRATED()CIRCUIT?
S4	3508485	S DRIVING OR DRIVER? ? OR DRIVE? ?
S5	12433	S PARALLEL(3N)RAILS OR FAN()OUT
S6	362733	S PITCH?
S7	18070367	S TIGHT OR DECREAS? OR DECLIN? OR REDUC???? OR DIMINISH? OR LESSEN? OR SMALL????
S8	18543	S S6(3N)S7
S9	4	S S1 AND S8
S10	4	RD (unique items)
S11	4	S S1 AND S6 AND S3
S12	0	S S11 NOT S10
S13	515	S S8 AND S2 AND S3
S14	80	S S13 AND PD<=20031205
S15	55	RD (unique items)
S16	15281	S S6(2N)S7
S17	3140	S S16 AND S3
S18	2674	S S17 AND PY<=2003
S19	173533	S S4(2N)CIRCUIT?
S20	297	S S5(2N)(REGION? OR AREA OR SECTION? OR SEGMENT? OR PART????)
S21	48	S S18 AND (S19 OR S20)
S22	47	RD (unique items)
S23	0	S S18 AND S19 AND S20
S24	47	S S21 NOT (S15 OR S9)

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Manual Codes (EPI/S-X): U11-C04E1